

Refine Search

Search Results -

Terms	Documents
oxid\$6 same ((organ\$4 same compound\$3) or butanediol\$4) same (oxidoreductas\$4 or (alcoh\$4 same dehydrogenas\$4)) same dissolv\$4 same oxyge\$4	1

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L2

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Monday, March 15, 2004 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>			
<u>L2</u>	oxid\$6 same ((organ\$4 same compound\$3) or butanediol\$4) same (oxidoreductas\$4 or (alcoh\$4 same dehydrogenas\$4)) same dissolv\$4 same oxyge\$4	1	<u>L2</u>
<u>L1</u>	oxid\$6 same ((organ\$4 same compound\$3) or alcoh\$4) same (oxidoreductas\$4 or (alcoh\$4 same dehydrogenas\$4)) same dissolv\$4 same oxyge\$4	5	<u>L1</u>

END OF SEARCH HISTORY

Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20020068337 A1

Using default format because multiple data bases are involved.

L1: Entry 1 of 5

File: PGPB

Jun 6, 2002

PGPUB-DOCUMENT-NUMBER: 20020068337

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020068337 A1

TITLE: Method for enhancing activity to regenerate electron acceptor for oxidoreductase in microorganism capable of producing said oxidoreductase, and use of microorganism prepared by said method

PUBLICATION-DATE: June 6, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Yamamoto, Hiroaki	Tsukuba-shi		JP	

US-CL-CURRENT: 435/155; 435/189, 435/252.33

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Data
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☐ 2. Document ID: US 4458686 A

L1: Entry 2 of 5

File: USPT

Jul 10, 1984

US-PAT-NO: 4458686

DOCUMENT-IDENTIFIER: US 4458686 A

TITLE: Cutaneous methods of measuring body substances

DATE-ISSUED: July 10, 1984

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Clark, Jr.; Leland C.	Cincinnati	OH		

US-CL-CURRENT: 600/358; 436/11, 600/354

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Data
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☐ 3. Document ID: US 4401122 A

L1: Entry 3 of 5

File: USPT

Aug 30, 1983

US-PAT-NO: 4401122

DOCUMENT-IDENTIFIER: US 4401122 A

**** See image for Certificate of Correction ****

TITLE: Cutaneous methods of measuring body substances

DATE-ISSUED: August 30, 1983

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Clark, Jr.; Leland C.	Cincinnati	OH		

US-CL-CURRENT: 600/358; 600/354

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Drawings
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☐ 4. Document ID: JP 2000197485 A

L1: Entry 4 of 5

File: JPAB

Jul 18, 2000

PUB-NO: JP02000197485A

DOCUMENT-IDENTIFIER: JP 2000197485 A

TITLE: METHOD FOR INCREASING ELECTRON RECEPTOR REGENERATIVE ACTIVITY OF
OXIDOREDUCTASE ON MICROORGANISM HAVING OXIDOREDUCTASE-PRODUCING ABILITY AND
UTILIZATION OF MICROORGANISM PREPARED BY THE METHOD

PUBN-DATE: July 18, 2000

INVENTOR-INFORMATION:

NAME	COUNTRY
YAMAMOTO, HIROAKI	

INT-CL (IPC): C12 N 15/09; C12 N 1/00; C12 N 1/21; C12 N 9/02; C12 N 9/04; C12 P
7/02; C12 P 41/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Drawings
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☐ 5. Document ID: EP 1031625 A2

L1: Entry 5 of 5

File: EPAB

Aug 30, 2000

PUB-NO: EP001031625A2

DOCUMENT-IDENTIFIER: EP 1031625 A2

TITLE: Method for enhancing activity to regenerate electron acceptor for
oxidoreductase in microorganism capable of producing said oxidoreductase, and use

of microorganism prepared by said method

PUBN-DATE: August 30, 2000

INVENTOR-INFORMATION:

NAME

YAMAMOTO, HIROAKI

COUNTRY

JP

INT-CL (IPC): C12 N 9/02; C12 N 1/00

EUR-CL (EPC): C12P001/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
oxid\$6 same ((organ\$4 same compound\$3) or alcoh\$4) same (oxidoreductas\$4 or (alcoh\$4 same dehydrogenas\$4)) same dissolv\$4 same oxyge\$4	5

Display Format:

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Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20020068337 A1

Using default format because multiple data bases are involved.

L2: Entry 1 of 1

File: PGPB

Jun 6, 2002

PGPUB-DOCUMENT-NUMBER: 20020068337

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020068337 A1

TITLE: Method for enhancing activity to regenerate electron acceptor for oxidoreductase in microorganism capable of producing said oxidoreductase, and use of microorganism prepared by said method

PUBLICATION-DATE: June 6, 2002

INVENTOR-INFORMATION:

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Yamamoto, Hiroaki	Tsukuba-shi		JP	

US-CL-CURRENT: 435/155; 435/189, 435/252.33

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
oxid\$6 same ((organ\$4 same compound\$3) or butanediol\$4) same (oxidoreductas\$4 or (alcoh\$4 same dehydrogenas\$4)) same dissolv\$4 same oxyge\$4	1

Display Format:

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=> d his

(FILE 'HOME' ENTERED AT 13:26:05 ON 15 MAR 2004)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,
BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA,
CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DISSABS,
DDFB, DDFU, DGENE, DRUGB, DRUGMONOG2, ...' ENTERED AT 13:26:19 ON 15 MAR
2004

SEA (OXIDOREDUCT? OR (ALCOHO? (S) DEHYDROGENAS?))(S) (ALCOH? OR

38 FILE ADISCTI
10 FILE ADISINSIGHT
43 FILE ADISNEWS
2523 FILE AGRICOLA
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166 FILE AQUASCI
554 FILE BIOBUSINESS
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12605 FILE BIOSIS
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4118 FILE DGENE
1097 FILE DRUGB
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954 FILE DRUGU
1 FILE IMSRESEARCH
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8107 FILE EMBASE
2939 FILE ESBIODBASE
324* FILE FEDRIP
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744 FILE FSTA
7937 FILE GENBANK
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531 FILE IFIPAT
9967 FILE JICST-EPLUS
13 FILE KOSMET
3853 FILE LIFESCI
15984 FILE MEDLINE
258 FILE NIOSHTIC
108 FILE NTIS
1 FILE NUTRACEUT
25 FILE OCEAN
5032 FILE PASCAL
1 FILE PCTGEN
7 FILE PHAR
1 FILE PHARMAML
22 FILE PHIN
116 FILE PROMT
7 FILE RDISCLOSURE
9915 FILE SCISEARCH
9042 FILE TOXCENTER
9668 FILE USPATFULL
250 FILE USPAT2
8 FILE VETB
43 FILE VETU
819 FILE WPIDS

819 FILE WPINDEX
59 FILE IPA
52 FILE NAPRALERT
55 FILE NLDB

L1 QUE (OXIDOREDUCT? OR (ALCOHO? (S) DEHYDROGENAS?))(S) (ALCOH? OR

FILE 'MEDLINE, BIOSIS, CAPLUS, JICST-EPLUS, SCISEARCH, USPATFULL,
TOXCENTER, EMBASE, GENBANK, PASCAL, DGENE, LIFESCI, BIOTECHNO, CABA,
ESBIOBASE, AGRICOLA' ENTERED AT 13:31:09 ON 15 MAR 2004

L2 118834 S (OXIDOREDUCT? OR (ALCOHO? (S) DEHYDROGENAS?))(S) (ALCOH? OR O
L3 2700 S L2 (S) OXYGE?
L4 783 S L3 (S) (LOW? OR ANAERO?)
L5 177 S L4 (S) (BACTER? OR COLI?)
L6 72 DUP REM L5 (105 DUPLICATES REMOVED)

Welcome to STN International! Enter x:x

LOGINID:sssptal652dmr

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 09 CA/CAPLUS records now contain indexing from 1907 to the
present
NEWS 4 DEC 08 INPADOC: Legal Status data reloaded
NEWS 5 SEP 29 DISSABS now available on STN
NEWS 6 OCT 10 PCTFULL: Two new display fields added
NEWS 7 OCT 21 BIOSIS file reloaded and enhanced
NEWS 8 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced
NEWS 9 NOV 24 MSDS-CCOHS file reloaded
NEWS 10 DEC 08 CABA reloaded with left truncation
NEWS 11 DEC 08 IMS file names changed
NEWS 12 DEC 09 Experimental property data collected by CAS now available
in REGISTRY
NEWS 13 DEC 09 STN Entry Date available for display in REGISTRY and CA/CAPLUS
NEWS 14 DEC 17 DGENE: Two new display fields added
NEWS 15 DEC 18 BIOTECHNO no longer updated
NEWS 16 DEC 19 CROPU no longer updated; subscriber discount no longer
available
NEWS 17 DEC 22 Additional INPI reactions and pre-1907 documents added to CAS
databases
NEWS 18 DEC 22 IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
NEWS 19 DEC 22 ABI-INFORM now available on STN
NEWS 20 JAN 27 Source of Registration (SR) information in REGISTRY updated
and searchable
NEWS 21 JAN 27 A new search aid, the Company Name Thesaurus, available in
CA/CAPLUS
NEWS 22 FEB 05 German (DE) application and patent publication number format
changes
NEWS 23 MAR 03 MEDLINE and LMEADLINE reloaded
NEWS 24 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 25 MAR 03 FRANCEPAT now available on STN

NEWS EXPRESS MARCH 5 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 3 MARCH 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:26:05 ON 15 MAR 2004

=> index bioscience medicine

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY	SESSION
0.21	0.21

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCERMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DISSABS, DDFB, DDFU, DGENE, DRUGB, DRUGMONOG2, ...' ENTERED AT 13:26:19 ON 15 MAR 2004

71 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> s (oxidoreduct? or (alchoh? (s) dehydrogenas?))(s) (alcoh? or organ? or butanedio?)

38 FILE ADISCTI
10 FILE ADISINSIGHT
43 FILE ADISNEWS
2523 FILE AGRICOLA
409 FILE ANABSTR
166 FILE AQUASCI
554 FILE BIOBUSINESS
53 FILE BIOCERMERCE
12605 FILE BIOSIS
2360 FILE BIOTECHABS

10 FILES SEARCHED...

2360 FILE BIOTECHDS
3693 FILE BIOTECHNO
3020 FILE CABA
695 FILE CANCERLIT
10431 FILE CAPLUS
633 FILE CEABA-VTB
19 FILE CEN
30 FILE CIN
297 FILE CONFSCI
18 FILE CROPB
75 FILE CROPU
764 FILE DISSABS

22 FILES SEARCHED...

1097 FILE DDFB
807 FILE DDFU
4118 FILE DGENE
1097 FILE DRUGB
8 FILE IMSDRUGNEWS
954 FILE DRUGU
1 FILE IMSRESEARCH
48 FILE EMBAL
8107 FILE EMBASE

32 FILES SEARCHED...

2939 FILE ESBIODASE
324* FILE FEDRIP
216 FILE FROSTI
744 FILE FSTA
7937 FILE GENBANK
33 FILE HEALSAFE
531 FILE IFIPAT
9967 FILE JICST-EPLUS

43 FILES SEARCHED...

13 FILE KOSMET
3853 FILE LIFESCI
15984 FILE MEDLINE
258 FILE NIOSHTIC
108 FILE NTIS
1 FILE NUTRACEUT
25 FILE OCEAN
5032 FILE PASCAL

52 FILES SEARCHED...

1 FILE PCTGEN
7 FILE PHAR
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116 FILE PROMT

7 FILE RDISCLOSURE
 9915 FILE SCISEARCH
 9042 FILE TOXCENTER
 9668 FILE USPATFULL
 250 FILE USPAT2
 8 FILE VETB
 43 FILE VETU
 819 FILE WPIDS
 67 FILES SEARCHED...
 819 FILE WPINDEX
 59 FILE IPA
 52 FILE NAPRALERT
 55 FILE NLDB

64 FILES HAVE ONE OR MORE ANSWERS, 71 FILES SEARCHED IN STNINDEX

L1 QUE (OXIDOREDUCT? OR (ALCOHO? (S) DEHYDROGENAS?))(S) (ALCOH? OR ORGAN? OR BUTANEDIO?)

=> d rank

F1	15984	MEDLINE
F2	12605	BIOSIS
F3	10431	CAPLUS
F4	9967	JICST-EPLUS
F5	9915	SCISEARCH
F6	9668	USPATFULL
F7	9042	TOXCENTER
F8	8107	EMBASE
F9	7937	GENBANK
F10	5032	PASCAL
F11	4118	DGENE
F12	3853	LIFESCI
F13	3693	BIOTECHNO
F14	3020	CABA
F15	2939	ESBIOBASE
F16	2523	AGRICOLA
F17	2360	BIOTECHABS
F18	2360	BIOTECHDS
F19	1097	DDFB
F20	1097	DRUGB
F21	954	DRUGU
F22	819	WPIDS
F23	819	WPINDEX
F24	807	DDFU
F25	764	DISSABS
F26	744	FSTA
F27	695	CANCERLIT
F28	633	CEABA-VTB
F29	554	BIOBUSINESS
F30	531	IFIPAT
F31	409	ANABSTR
F32	324*	FEDRIP
F33	297	CONFSCI
F34	258	NIOSHTIC
F35	250	USPAT2
F36	216	FROSTI
F37	166	AQUASCI
F38	116	PROMT
F39	108	NTIS
F40	75	CROPU
F41	59	IPA
F42	55	NLDB
F43	53	BIOCOMMERCE
F44	52	NAPRALERT
F45	48	EMBAL
F46	43	ADISNEWS
F47	43	VETU
F48	38	ADISCTI
F49	33	HEALSAFE
F50	30	CIN
F51	25	OCEAN

F52	22	PHIN
F53	19	CEN
F54	18	CROPB
F55	13	KOSMET
F56	10	ADISINSIGHT
F57	8	IMSDRUGNEWS
F58	8	VETB
F59	7	PHAR
F60	7	RDISCLOSURE
F61	1	IMSRESEARCH
F62	1	NUTRACEUT
F63	1	PCTGEN
F64	1	PHARMAML

=> file f1-f16

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

4.56

4.77

FILE 'MEDLINE' ENTERED AT 13:31:09 ON 15 MAR 2004

FILE 'BIOSIS' ENTERED AT 13:31:09 ON 15 MAR 2004

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FILE 'AGRICOLA' ENTERED AT 13:31:09 ON 15 MAR 2004

```

=> s (oxidoreduct? or (alcoho? (s) dehydrogenas?))(s) (alcoh? or organ? or butanedio?)
6 FILES SEARCHED...
10 FILES SEARCHED...
L2      118834 (OXIDOREDUCT? OR (ALCOHO? (S) DEHYDROGENAS?))(S) (ALCOH? OR
        ORGAN? OR BUTANEDIO?)

=> s l2 (s) oxyge?
L3      2700 L2 (S) OXYGE?

=> s l3 (s) (low? or anaero?)
11 FILES SEARCHED...
L4      783 L3 (S) (LOW? OR ANAERO?)

=> s l4 (s) (bacter? or coli?)
10 FILES SEARCHED...
L5      177 L4 (S) (BACTER? OR COLI?)

=> dup rem l5
DUPLICATE IS NOT AVAILABLE IN 'GENBANK, DGENE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L5
L6      72 DUP REM L5 (105 DUPLICATES REMOVED)

=> d ti l5 1-72

L5      ANSWER 1 OF 177      MEDLINE on STN
TI      Expression of the Aspergillus niger glucose oxidase gene in Saccharomyces
        cerevisiae and its potential applications in wine production.

L5      ANSWER 2 OF 177      MEDLINE on STN
TI      Localization and functional analysis of transposon mutations in regulatory
        genes of the TOL catabolic pathway.

L5      ANSWER 3 OF 177      BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
TI      Expression of the Aspergillus niger glucose oxidase gene in Saccharomyces
        cerevisiae and its potential applications in wine production.

L5      ANSWER 4 OF 177      BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
TI      THE HELICAL HYDROPHOBIC MOMENT AVOIDS PROLINES IN PHOSPHOLIPID-BINDING
        PROTEINS.

L5      ANSWER 5 OF 177      BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
TI      LOCALIZATION AND FUNCTIONAL ANALYSIS OF TRANSPOSON MUTATIONS IN REGULATORY
        GENES OF THE TOL CATABOLIC PATHWAY.

L5      ANSWER 6 OF 177      CAPLUS COPYRIGHT 2004 ACS on STN
TI      Expression of the Aspergillus niger glucose oxidase gene in Saccharomyces
        cerevisiae and its potential applications in wine production

L5      ANSWER 7 OF 177      JICST-EPlus COPYRIGHT 2004 JST on STN
TI      Carbon metabolism in relation to cellular organization of soybean root
        nodules and respiration of mitochondria aided by leghemoglobin.

L5      ANSWER 8 OF 177      SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
TI      Carbon material balances and bioenergetics of 2,3-butanediol bio-oxidation
        by Acetobacter hansenii

L5      ANSWER 9 OF 177      SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
TI      Oxygen minimum zone benthos: Adaptation and community response to hypoxia

L5      ANSWER 10 OF 177     SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
TI      Novel antioxidant role of alcohol dehydrogenase E from Escherichia coli

L5      ANSWER 11 OF 177     SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
TI      Expression of the Aspergillus niger glucose oxidase gene in Saccharomyces
        cerevisiae and its potential applications in wine production

L5      ANSWER 12 OF 177     SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
TI      Mechanism of superoxide and hydrogen peroxide formation by fumarate
        reductase, succinate dehydrogenase, and aspartate oxidase

```

L5 ANSWER 13 OF 177 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 TI Evidence for lateral transfer of genes encoding ferredoxins, nitroreductases, NADH oxidase, and alcohol dehydrogenase 3 from anaerobic prokaryotes to *Giardia lamblia* and *Entamoeba histolytica*

L5 ANSWER 14 OF 177 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 TI Aerobic respiration rate and anaerobic enzymatic activity of *Petrolisthes laevis* (*Anomura*, *Porcellanidae*) under laboratory conditions

L5 ANSWER 15 OF 177 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 TI Effects of iron limitation on the degradation of toluene by *Pseudomonas* strains carrying the TOL (pWWO) plasmid

L5 ANSWER 16 OF 177 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 TI Five-gene cluster in *Clostridium thermoaceticum* consisting of two divergent operons encoding rubredoxin oxidoreductase-rubredoxin and rubrerythrin-type A flavoprotein-high-molecular-weight rubredoxin

L5 ANSWER 17 OF 177 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 TI Gene cluster of *Rhodothermus marinus* high-potential iron-sulfur protein : oxygen oxidoreductase, a *caa(3)*-type oxidase belonging to the superfamily of heme-copper oxidases

L5 ANSWER 18 OF 177 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 TI Pyruvate oxidoreductases involved in glycolytic anaerobic metabolism of polychaetes from the continental shelf off central-south Chile

L5 ANSWER 19 OF 177 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 TI Expression of a gene encoding mitochondrial aldehyde dehydrogenase in rice increases under submerged conditions

L5 ANSWER 20 OF 177 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 TI Synthesis and posttranslational regulation of pyruvate formate-lyase in *Lactococcus lactis*

L5 ANSWER 21 OF 177 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 TI Characteristics of the aerobic respiratory chains of the microaerophiles *Campylobacter jejuni* and *Helicobacter pylori*

L5 ANSWER 22 OF 177 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 TI *Denitrovibrio acetiphilus*, a novel genus and species of dissimilatory nitrate-reducing bacterium isolated from an oil reservoir model column

L5 ANSWER 23 OF 177 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 TI A bacterioferritin from the strict anaerobe *Desulfovibrio desulfuricans* ATCC 27774

L5 ANSWER 24 OF 177 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 TI Xylene monooxygenase catalyzes the multistep oxygenation of toluene and pseudocumene to corresponding alcohols, aldehydes, and acids in *Escherichia coli* JM101

L5 ANSWER 25 OF 177 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 TI Redox potentials and quinone reductase activity of L-aspartate oxidase from *Escherichia coli*

L5 ANSWER 26 OF 177 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 TI *Thiosphaera pantotropha*: a sulphur bacterium capable of simultaneous heterotrophic nitrification and aerobic denitrification

L5 ANSWER 27 OF 177 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 TI Isolation and analysis of the gene encoding the pyruvate-ferredoxin oxidoreductase of *Desulfovibrio africanus*, production of the recombinant enzyme in *Escherichia coli*, and effect of carboxy-terminal deletions on its stability

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 TI L-ASPARTATE OXIDASE FROM *ESCHERICHIA-COLI* .2. INTERACTION WITH C-4 DICARBOXYLIC-ACIDS AND IDENTIFICATION OF A NOVEL L-ASPARTATE-FUMARATE OXIDOREDUCTASE ACTIVITY

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 TI ANATOMY, PHYSIOLOGY AND BIOCHEMISTRY OF ROOT-NODULES OF SPRINT-2 FIX(-), A
 SYMBIOTICALLY DEFECTIVE MUTANT OF PEA (PISUM-SATIVUM L)

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 TI ANAEROBIC OXIDATION OF TOLUENE (ANALOGS) TO BENZOATE (ANALOGS) BY WHOLE
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 TI METAL-CATALYZED OXIDATION OF Fe^{2+} DEHYDROGENASES - CONSENSUS TARGET
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 TI Polynucleotides and polypeptides, materials incorporating them and
 methods for using them

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 TI Polynucleotides, materials incorporating them, and methods for using
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 TI Synthetic insecticidal crystal protein gene

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 TI Expression of the *Aspergillus niger* glucose oxidase gene in *Saccharomyces cerevisiae* and its potential applications in wine production

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 TI Carbon material balances and bioenergetics of 2,3-butanediol bio-oxidation by *Acetobacter Hansenii*.

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 TI Novel antioxidant role of alcohol dehydrogenase E from *Escherichia coli*.

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 TI Expression of the *Aspergillus niger* glucose oxidase gene in *Saccharomyces cerevisiae* and its potential applications in wine production.

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 TI Mechanism of superoxide and hydrogen peroxide formation by fumarate reductase, succinate dehydrogenase, and aspartate oxidase.

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 TI [Azelaic acid in the treatment of acne vulgaris].
 AZELAINOVA KYSELINA V LECBE ACNE VULGARIS.

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 TI Five-gene cluster in *Clostridium thermoaceticum* consisting of two divergent operons encoding rubredoxin oxidoreductase-rubredoxin and rubrerythrin-type A flavoprotein-high-molecular-weight rubredoxin.

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 TI Gene cluster of *Rhodothermus marinus* high-potential iron-sulfur protein:oxygen oxidoreductase, a *caa(3)*-type oxidase belonging to the superfamily of heme-copper oxidases.

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 TI Synthesis and posttranslational regulation of pyruvate formate-lyase in *Lactococcus lactis*.

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 TI Characteristics of the aerobic respiratory chains of the microaerophiles *Campylobacter jejuni* and *Helicobacter pylori*.

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 TI *Denitrovibrio acetiphilus*, a novel genus and species of dissimilatory nitrate-reducing bacterium isolated from an oil reservoir model column.

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TI A bacterioferritin from the strict anaerobe *Desulfovibrio desulfuricans* ATCC 27774.

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TI Xylene monooxygenase catalyzes the multistep oxygenation of toluene and pseudocumene to corresponding alcohols, aldehydes, and acids in *Escherichia coli* JM101.

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TI Redox potentials and quinone reductase activity of L-aspartate oxidase from *Escherichia coli*.

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TI *Thiosphaera pantotropha*: A sulphur bacterium capable of simultaneous heterotrophic nitrification and aerobic denitrification.

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TI Isolation and analysis of the gene encoding the pyruvate-ferredoxin oxidoreductase of *Desulfovibrio africanus*, production of the recombinant enzyme in *Escherichia coli*, and effect of carboxy-terminal deletions on its stability.

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TI L-Aspartate oxidase from *Escherichia coli* - II. Interaction with C4 dicarboxylic acids and identification of a novel L-aspartate:fumarate oxidoreductase activity.

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TI Regulation of alcohol-oxidizing capacity in chemostat cultures of *Acetobacter pasteurianus*.

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TI Anaerobic oxidation of toluene (analogues) to benzoate (analogues) by whole cells and by cell extracts of a denitrifying *Thauera* sp..

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